

| orm 154           | E   | 1449 U.S. Depa<br>Patent and T |        |            |               |  |                  |             |                           | Commerce<br>Office                        | 70552/JF  |               | Serial No.                            |  |  |
|-------------------|---|--------------------------------|--------|------------|---------------|--|------------------|-------------|---------------------------|---|---|---------------|---------------------------------------|--|--|
|                   | INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) |                                |        |            |               |  |                  |             |                           |   | Applicants: Akio Ishizuka and Shigehisa Kawatsuru |               |                                       |  |  |
|                   |   |                                |        |            |               |  |                  |             |                           |   | Filing D<br>August 1                              | Group<br>2828 |                                       |  |  |
|                   |   |                                |        |            |               |  |                  | _           | U.S. PA                   | TENT DOCUMENTS                            |   |               |                                       |  |  |
| xaminer<br>nitial | Document Number   |                                |        |            |               |  |                  |             | Date Name                 |   | Class   |               |                                       | ng Date<br>ppropriate                            |  |
| Q/                |   | 6                              | 1      | 6          | 3             | 1  | 1                | 5           | 12/19/00                  | Ishizuka                                  | 315   | 308           |                                       |  |  |
| 2                 |   | 6_                             | 2      | 0          | 8             | 0  | 8                | 8           | 03/27/01                  | Konishi et al.                            | 315   | 291           |                                       |  |  |
|                   |   | $oxed{L}$                      | L      | <u>L</u>   | <u> </u>      |  | <u> </u>         |             | <u> </u>                  | <u> </u>                                  |   |               | <u></u>                               |  |  |
|                   |   | · _                            |        |            |               |  |                  |             | FOREIGN                   | PATENT DOCUMEN                            | TS  |               |                                       |  |  |
|                   | Document Number   |                                |        |            |               |  | er               |             | Date                      | Country                                   | Class   | Subclass      | Translation                           |  |  |
|                   |   | <u> </u>                       | Τ.     | T.         | 1.            | -  | 1=               | T.          |                           | <del></del>                               |   |               | Yes                                   | No   |  |
| _~                | JP  | 4                              | 1      | 4          | 1             | 9  | 8                | 8           | 05/15/92                  | Japan                                     |   |               | X                                     | V.   |  |
|                   | JP  |                                | 2      | 7          | 2             | 6  | 9                | 6           | 09/29/92                  | Japan                                     | <del></del>                                       |               | 1                                     | X  |  |
|                   | JP  | 4                              |        |            | 2             | 9  | 9                | 3           | 11/30/92                  | Japan                                     |   |               | ┼                                     | X  |  |
|                   | JP  |                                |        | 2          | 6             | _  | 8                | 3           | 09/03/93                  | Japan                                     |   | <u> </u>      | ╁                                     | $\frac{\Lambda}{X}$                              |  |
|                   | JP  |                                | 0      | 6          | 5             | 9  | 7                | 3           | 03/10/95                  | Japan                                     | +   |               | <del> </del>                          | X  |  |
|                   | JP  | _                              | 0      | 0          | 8 ·           | 0  | 8                | 7           | 01/12/96                  | Japan                                     |   |               | x 、                                   | <del> </del>                                     |  |
|                   | JP  |                                | 2<br>2 | 2          | <u>2</u><br>0 | 2  | 8                | 1-          | 08/30/96                  | Japan                                     |   |               | $\frac{x}{x}$                         | ├  |  |
|                   | JP  |                                | 5      | 8          | 7             | <del> </del>                                 | 1                | 8           | 09/27/96<br>12/05/96      | Japan                                     |   |               | $\frac{\hat{\mathbf{x}}}{\mathbf{x}}$ |  |  |
|                   | JP  | _                              | 0      | 8          | 2             | 4  | 8                | 0           | 03/28/97                  | Japan                                     |   |               | $\frac{\lambda}{X}$                   |  |  |
|                   | JP  |                                |        | 2          | 3             |  | 9                | 1           | 08/26/97                  | Japan                                     |   |               |                                       | X  |  |
|                   | JP<br>JP  |                                |        | 3          | 2             | 6  | 9                | _           | 02/03/98                  | Japan<br>Japan                            |   |               | +                                     | $\frac{x}{x}$                                    |  |
|                   | EP  |                                |        | 8          | 3             | 1  | 6                | 0           | 12/09/98                  | Europe                                    |   |               | <del> </del>                          | <del>                                     </del> |  |
|                   | EF<br>JP  |                                | 0      | 8          | 6             | 7  | 9                | 5           | 03/30/99                  | Japan                                     | +==   |               | x                                     | -  |  |
|                   | JP  | 11                             | 5      | 3          | 8             | 4  | 8                | 8           | 08/31/99                  | Japan                                     |   |               | x                                     | -  |  |
|                   | J1  | 11.1                           |        | F_         |               | <u>.                                    </u> |                  | 1           |                           | <del></del>                               | Dantinant D                                       | occo Etc.)    |                                       |  |  |
|                   |   |                                | _      |            |               |  |                  |             |                           | ing Author, Title, Date                   |   |               | malicat                               |  |  |
| Q                 |   | Illu                           | mi     | eci<br>nat | nnic<br>ing   | cai<br>En                                    | <i>Me</i><br>gin | een<br>eeri | ng on Pid<br>ing Institut | isma Physics of Li<br>e, December 4, 2000 | ), pgs. 69-7                                      | 3             | ррисан                                | ions,  |  |
|                   |   |                                | _      |            |               |  | <del>-</del> _   |             | <del></del>               |   |   | ***           |                                       |  |  |
|                   |   |                                | _      |            |               |  |                  |             |                           |   |   | <del> </del>  | •                                     |  |  |
| XAMINER           |   | )~\<br>)~\                     | . 1    |            |               |  | ;                |             | DATE CONS                 | DERED 7/27                                | 101   |               |                                       |  |  |

Applicants: Akio Ishizuka and Shigehisa
Kawatsuru
Title: High Pressure Discharge Lamp Starter...
U.S. Serial No. not yet known
Filed: August 1, 2003
Exhibit A